



BADGER STATE Smoke Signals



Serving Amateur Radio in Wisconsin

Published Monthly Since 1969

Vol. 17 No. 3 - 195th Consecutive Monthly Issue - Baraboo, Wis. - March 1986

Dick Ranson, W9PH, (left) receives his Quarter Century Wireless Association (QCWA) 70 year Anniversary Certificate from Chapter 55 Chairman Travis Baird, W9VQD, with Wisconsin Section Manager Richard Regent, K9GDF, looking on. In the photo below, W9PH is shown at the operating position of his current station. Thanx to Les Peterson, W9YCV, for taking these photos.

In this issue, KA9RII tells a funny story, and you'll find some net news, a cartoon or two, and much, much more!



WISCONSIN QSO PARTY

1800Z March 9 - 0100Z March 10,
1986

Rules and score summary sheet
included in this issue!

COMING IN APRIL: Vrah Remah, J8XGN+1, has been at it again in his laboratory; we'll find out what he's been doing this past year. Duane Grotophorst, KA9HKL, hasn't been idle, either.. and he warns us of impending danger.. and more!



Badger State Smoke Signals supports: The American Radio Relay League (ARRL) - The Wisconsin Nets Association (WNA) - The Wisconsin Association of Repeaters (WAR) - The Amateur Radio News Service (ARNS) - The Courage Handi-Ham System - The Morse Telegraph Club - GEARVAKf (The 'f' is silent)

Badger State Smoke SignalsOfficers:

Ken Ebnetter, K9EN, Chairman
 Jim Romelfanger, K9ZZ, Editor
 Jim Decker, WB9UQT, Treasurer

Send editorial material and exchange papers to:

Jim Romelfanger, K9ZZ, Editor
 301 1/2 7th St.
 Baraboo, Wisconsin 53913

Subscriptions:

1 yr. \$ 7.00
 2 yr. 13.00
 3 yr. 19.00

to:

Badger State Smoke Signals
 Jim Decker, WB9UQT, Treasurer
 P.O. Box 337
 Baraboo, Wisconsin 53913-0337

Send address corrections and changes to:

Kenneth A. Ebnetter, K9EN
 822 Wauona Trail
 Portage, Wisconsin 53901

Permission is granted to re-print items from BSSS providing credit is given to the author and Badger State Smoke Signals.

SWAPFESTS AND OTHER SOCIAL EVENTS

The Tri County ARC will sponsor their annual Hamfest at the Jefferson County Fairgrounds in Jefferson, WI on Sunday March 16, 1986. Food and refreshments by Jefferson County 4-H. Amateur Radio exams given. Ticket: \$2.50 advance or \$3.00 at door. 6 foot tables: \$3.00 advance or \$4.00 at the door. For advance tickets and tables send s.a.s.e. to Bob Barker, K9RIJ, 724 Burdick, Milton, WI 53563. (608) 868-2871.

The third annual Swapfest sponsored by the Milwaukee School of Eng. Radio Club, W9HHX will be held Saturday March 8, 1986 at 1121 N. Milwaukee St. in Milwaukee WI. Open 8:00 am to 2:00 pm. Admission \$2.00. Tables (4 x 3) \$3.00. Limited table availability - reservations recommended. Please send legal size s.a.s.e. with funds to W9HHX Fest, P.O. Box 664, Room C-6, Milwaukee WI 53201-0644

The Michigan Crossroads Hamfest will be held Saturday March 22, 1986 at the Marshall High School in Marshall Michigan. SMARS, P.O. Box 934, Battle Creek, MI 49816. or phone Wes Chaney, N2BDM, (616) 979-3433

Lamarsfest 1986 sponsored by the Libertyville and Mundelein ARS will be held Sunday March 23, 1986 at the Lake County Fairgrounds in Grayslake IL. Tickets: \$2.00 advance or \$3.00 at the door. Swapfest tables: \$5.00 each. LAMARS, Box 751, Libertyville, IL 60048 with s.a.s.e. Commercial exhibitors write or call Marc Abramson, KC9VM at (312) 255-0642 after 8:00 pm.

The 14th annual Madison Swapfest sponsored by the Madison Area Repeater Association will be held Sunday April 6, 1986 at the Dane County Expo Center in Madison, WI. Admission: \$2.50 advance, \$3.00 at the door. Tables: \$5.00 advance, \$6.00 at the door. (reserve early they sell out every year) MARA, Box 3404, Madison, WI 53704. For information on Exhibitor Booths, write to the above address or call (608) 222-4744. For more information see the flyer and map enclosed for this long time Badger State Booster.

The Ozaukee Radio Club presents its Eighth Annual Swapfest at Circle B. Recreation Center (intersection of Highway 60 and County J) Cedarburg, WI on Saturday, May 3, 1986. Amateur license exams will be administered. (see Test Point) Admission: \$2.00 advance, \$3.00 at the door. Tables: 4-foot at \$3.00. Based on past experience, we strongly recommend that tables be reserved in advance. O.R.C. Swapfest Committee, 101 East Clay St, Saukville, WI 53080.

The DeKalb Hamfest sponsored by the Kishwaukee ARC will be held Sunday, May 4, 1986 at the Sandwich Fairgrounds (Suydam Road, just north of route 34), Sandwich, IL. Tickets: \$2.00 advance or \$3.00 at gate. Inside display tables \$5.00 each. Write: KARC Box 21, Genoa, IL 60135. Dealers Welcome, first come, first served or phone W9TMM (815) 756-6698.

The Central Wisconsin Radio Amateurs, Ltd. Stevens Point Swapfest and Family Picnic will be held Sunday, June 15, 1986.

The 1986 South Milwaukee Swapfest will be held on July 12, 1986.

(We hope this early information will help avoid having 3 section swapfests on the same day next year.)

As a service to our readers, this section of Badger State Smoke Signals is available without charge to list your upcoming Swapfest, Hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas.

Send information on your event to Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. In addition, space is available at attractive rates on our advertising pages, and/or we can include your flyers. For information on rates and requirements for our advertising pages, and/or for including flyers, please contact K9ZZ or K9EN.

CLUB MEETINGS:Badger Amateur Radio Society

(W9VT - University of Wisconsin - Madison)

Regular monthly meetings are held at 7:30 PM on the 2nd Wednesday of every month while school is in session, in B314 Electrical Engineering Building.

Central Wisconsin Radio Amateurs, Ltd.

(Stevens Point)

Regular club meetings are held on the second Wednesday of the month.

Four Lakes A.R.C. (Madison WI)

RED CROSS BUILDING, 4860 Sheboygan Ave, Madison, WI., first and third Tuesday each month.

Shawano Schools Radio Club (Shawano)

Mar. 17 - AREA - WX net planning.

Green Fox Amateur Radio Club

Meetings are held the third Monday of the month at 7:30 p.m. at the Green Lake Town Hall located at the intersection of county highways K and N.

Kettle Moraine Radio Amateurs:

All meetings are held on the SECOND (2nd) Friday of each month.

Manitowoc County Radio Amateurs

MANCORAD meets on the third Wednesday of the month at 7:30 p.m. at Manitowoc Red Cross at 20th and Washington Streets in Manitowoc WI.

Milwaukee Radio Amateurs Club:

All regular meetings of MRAC scheduled for 1986 at Wauwatosa Savings and Loan Building, 7500 West State Street, will be held on the second Thursday of the month.

Ozaukee Radio Club

Meetings held every second Wednesday at 7:30 p.m. in the Saukville Community Center

Riverland Amateur Radio Club

Regular meetings are held at 7:30 P.M., on the first Wednesday of each month in the Onalaska Community Center in Onalaska, WI.

South Milwaukee Amateur Radio Club

Meetings held at Legion Post 434, Shepard Ave., Oak Creek, on first Wednesday of the month. Auctions held at March and October meetings.

West Allis Radio Amateurs Club

Regular meetings are held on the second Tuesday of each month at St. Francis Savings, 9330 W. Greenfield Ave., at 8:00 P.M.

The Wisconsin Valley Radio Association. (Wausau)

Holds regular monthly meetings on the first Tuesday of the month at 7:30 p.m. The location varies, but information is available on the 146.04/64 repeater in Wausau.

Yellow Thunder Amateur Radio Club: (Baraboo, WI)

All regular meetings of YTARC are held in room 25 of the Baraboo Civic Center. Meetings start at 7:30 P.M.

The meeting dates for 1986 are: Mar. 12, Apr. 10, May. 19, Jun. 10, Jul. 16, Aug. 14, Sep. 15, Oct. 14, Nov. 12, & Dec. 11.

Let us know of your club meeting dates, and we will let others know of your meetings and activities. There may be Amateurs in your area interested in joining your club, or members of other clubs interested in making an interclub visit.

George, W-----, tells us that this summer he is going back to his hometown for their Annual Prickly Heat Festival. He's itching to go too.

MISCELLANEOUS MISCELLANEOUS MISCELLANEOUS

Oh what the heck --- items of interest:

Central Wisconsin Radio Amateurs Ltd. (Stevens Point)

WATTS SWOO

Congratulations to Dave Melton, KD9NV, recipient of the local Ham-of-the-Year award at the annual club banquet.

Central Wisconsin Repeater Association (Baraboo/Madison)

The 146.88 Baraboo repeater was on emergency power for 48 consecutive hours recently and it worked so well nobody even knew.

Four Lakes Amateur Radio Club

THE FEEDLINE

The 1986 officers are:

President - Art Albright, NF9S

Vice President - Ken Trachte, W9ADN

Secretary - Frank Holliday, WB9NDV

Treasurer - Don Liedl, WB9DQX

Green Bay Mike & Key Club

KEY CLICKS

We now have four Green Bay stations using packet, and the surrounding area has several more. Local operators are: Frank, N9PBO; Frank, WD9EKU; Ron, N9CFN; and Bob, KD9PR

Green Fox Amateur Radio Club (Green Lake)

FOXTALES

The Green Fox Amateur Radio Club, Inc. has been officially designated a Special Service Club by the ARRL. Through the work of its members, the club is recognized for extended efforts on behalf of Amateur Radio and service to its community.

Kettle Moraine Radio Association

KETTLE DRUMS

The Greater Rice Lake Contest Club has challenged KMRA to beat their score in the Wisconsin QSO Party this year. The club voted to accept the challenge.

MANCORAD (Manitowoc County Radio Club)

The spring banquet is planned for May 10th. It will be held at the Eagles Club in Manitowoc.

Ozaukee Radio Club

ORC NEWSLETTER

The 1986 officers are:

President - KA9QLP

Vice President - WA9JDB

Repeater V.P. - WD9DHI

Secretary - KA9DDN

Treasurer - KY9P

Activities Chairman - WB9RQR

Taylor County Area Amateur Radio Club

Taylor County ARCS

1986 TCAARC officers are:

President - Rolland Walty, W9LEE

Secretary - Mike Schoenfuss, WD9IKF

Treasurer - Ernie Mehner, WD9FWP

Congratulations to Bob Gossel, KA9TFH, Medford who upgraded to Technician at the recent exam session in Wisconsin Rapids.

New Novices Jody Campbell, and Vangel Hartwig have a Yaesu FT-757GX HF rig. New novice Louis Young and sons Scott, KA9SMF, and Dean, KA9SMQ picked up a MFG 1224 computer interface for their HF rig.

West Allis Radio Amateurs Club HAMTRIX

A note of thanks to all who helped with the January Swapfest. The effort put forth by everyone involved helped to make it a record success.

Our thanks to the above mentioned clubs and their bulletins for the information presented. Badger State Smoke Signals will be pleased to exchange bulletins and information with your club. Please contact K9ZZ or K9EN.

THE TEST POINT

The following are known locations where Amateur Radio license examinations are scheduled in the Badger State area.

March 8, 1986	Stevens Point, WI
March 16, 1986	Jefferson, WI
April 6, 1986	Madison, WI
April 12, 1986	Wauwatosa, WI
May 3, 1986	Cedarburg, WI
June 15, 1986	Stevens Point, WI
November 1, 1986	Stevens Point, WI
Third Sat. Monthly	Loves Park, IL

General rules for all examinations:

All examinations require filing an FCC Form 610 and advance registration at least 30 days before the exam date. (Some VECs may permit walk-ins. Check with sponsor to find out if they allow walk-ins.)

To register for these examinations, you must first secure a copy of the current FCC Form 610 (the one dated June 1984) and fill it out completely (AND CORRECTLY). Get your form from the FCC Field Office, the ARRL or Badger State Smoke Signals. Send a 22¢ SASE if you request one from the ARRL or BSSS. In most cases, forms can also be obtained from the sponsoring group. Remember-- you must file at least 30 days in advance unless otherwise indicated.

ARRL/VEC examinations require a check for \$4.25 payable to ARRL/VEC.

The FCC now requires applicants to show their original Amateur license to the VEC. As in the past, a copy of your license must be attached to the properly filled out FCC form 610.

Additional information is given below.

Saturday, May 3, 1986 Cedarburg, WI

Ozaukee Radio Club - Swapfest

Contact: Ed Rate, AA9W
9822 N. Andover Court
Mequon, WI 53092

Sunday, April 6, 1986 - Madison, WI
(MARA Swapfest - No admission fee for testees)
Four Lakes ARC - (ARRL-VEC)

Walk-ins Accepted.

Contact: Gary Lincoln, W9UDY
6015 Winnequah Rd.
Monona, WI 53716

March 8, 1986	Stevens Point, WI
June 15, 1986	Stevens Point, WI
November 1, 1986	Stevens Point, WI

Central Wisconsin Radio Amateurs, Ltd. - (ARRL/VEC)

Contact: Joe Larson N9JW
644 Portage Street
Stevens Point WI 54481

Saturday, Apr. 12, 1986 Milwaukee, WI (9:00am)

MILWAUKEE METRO AREA TEST TEAM. - (MRAC - VEC)

In room 256 at the Wauwatosa East High School, 74th and Milwaukee Ave. Use the East (74th Street) entrance.

File on a Postal System post card (14¢) mailed to:

The Milwaukee Radio Amateurs' Club, Inc
N50 W16328 Pin Oak Court
Menomonee Falls, WI 53012

PLEASE PRINT listing the grade of license you are applying for, your name, address, including Zip Code and your telephone number.

MRAC -- Your Wisconsin based VEC for Region 9.

MILWAUKEE VOLUNTEER CORE GROUP - (DeVry-VEC)

March 16, 1986 -- At the Jefferson Hamfest, sponsored by the Tri-County Amateur Radio Club

All exams will begin at 9:00 a.m. Walk-ins are welcome. We will have Novice thru Extra Class exams, as well as exams for the visually impaired.

If you are interested, please send a POST CARD with your NAME, ADDRESS, TELEPHONE NUMBER and the DATE on which you wish to be examined to:

Syl Janiczak WD9JKZ
3127A West Madison
Milwaukee WI 53215

Exams for shut-ins are given by appointment ONLY.

Third Saturday of every month.

Northern Illinois Volunteer Examiners (DeVry VEC).
Held at North Suburban Library on North Second Street in Loves Park, IL.

Contact: Gene Melton, AK9W
124 S. Chicago Ave. #2
Rockford, IL
(815) 229-7249



YELLOW THUNDER A.R.C.

The February 11, 1986 meeting of the Yellow Thunder Amateur Radio Club, Inc. was called to order in room 25 of the Baraboo Civic Center, by President Art Kleefisch, W9WSS. The following members and guests were present.

Art Kleefisch, W9WSS	Baraboo
Jim Decker, WB9UQT	Baraboo
Duane Grotophorst, KA9HKL	Sauk City
Harry Westlund, K9EHJ	Baraboo
Harry Mayland, K9FFT	Baraboo
Bill Klinkner	Sauk City
Anne Schmitz	Sauk City

The minutes of the previous meeting were accepted as printed in Smoke Signals. The Treasure's report was read by Jim Decker, WB9UQT and accepted. The current balance is \$322.77. There are 22 members renewed at the time of the meeting.

Communications and announcements: A report was presented on the current Novice classes. There are about 11 in average class attendance.

Old Business: Thanks to Ken, K9EN and Jim, WB9UQT for bringing their packet equipment for the demonstration at last month's meeting.

New Business: The possibility of holding advancement classes (above novice) was discussed.

Also discussed was reformating the meetings to set aside time to answer questions about general Amateur Radio. (technical, regulatory, etc.)

Buck night. The winner was K9EHJ who asked that his two dollars be donated to the equipment fund.

The meeting was adjourned at 8:43 p.m.

Following the meeting there was a "gab session".

Respectfully submitted,
Duane Grotophorst, Acting Secretary

YTARC BIRTHDAY

Art Escher	WA9WUS	March	12
Fred Becker	W9KKM	March	17

SENTENCE SERMON

Prayer is the achievement of a relationship with God that grows only from inner, spiritual discipline.

--Edgar N. Jackson

WANT ADS

DSL CARDS: Many Wisconsin designs. Fishing, hunting, skiing, railroads, etc. Choose logos, ink colors & type styles. For free sample kit, send \$10.39c S.A.S.E. Marv Mahre, W0MGI, 2095 Prosperity Ave. St. Paul, MN 55109-3621

WISCONSIN SERVICE STATION: Lease or opt to buy. By owner. 8 hose, canopy, self-service with convenience store. Good location in heart of Circus City - Dells country. Excellent investment, good cash flow. (608) 356-4026.

The Atlanta Radio Club is happy to announce its 1986 scholarship awards program.

Two (2) sums in the amount of \$1250 each will be given the winners.

Applicants must be licensed Radio Amateurs graduating from high school and entering an accredited college or university for the first time as Freshmen in 1986.

They will be judged on their high school grades, citizen / leadership, achievements in Ham Radio, and financial need. Extra credit will be given to people living in Georgia or contiguous states.

For application blanks, please write to Phil Latta, W4GTS, 259 Weatherstone Parkway, Marietta GA 30067.

BELLS AND WHISTLES, INDEED

Richard Scholl, N9EJD, has received coordination for 145.29 for a new repeater in the Wisconsin Rapids area. According to a note to K9GDF from N9EJD:

"This is the same repeater I had in Ohio with micro-processor controller. This repeater will have an open autopatch 24 hours a day and anyone passing through the area is welcome to use the repeater and / or autopatch. We had an open autopatch in Columbus and it's very nice for travelers particularly if you travel late at night like I do sometimes.

"The patch access codes will be announced on the air by the repeater. Also announced will be a code that can be used for people that need help of any kind. This code if entered will page me and I can then jump on the repeater and give them a hand.

"We will also have control ops monitoring and they are happy to give codes out or help anyone that needs help. Plus we will be using the standard 911 access code to dial Rapids police, fire, ambulance, and rescue. Repeater is being recrystallized and should be up sometime in February."

WEST CENTRAL WISCONSIN TRAFFIC NET

Lisa Harper, KA9RII, Net Manager
514 Fall Street
Eau Claire WI 54703

The following tale is true; it really did happen. Calls have been changed to protect the guilty.

DATE: December, 1985

PLACE: 3984 KHz	TIME: 12:00 p.m.
7284 KHz	12:45 p.m.
14322 KHz	2:30 p.m.
3855 KHz	4:00 p.m.
3985 KHz	5:30 p.m.
146.31/91 MHz	6:30 p.m.

"Calling the Badger Emergency Net, CQ the Badger Emergency Net.. is the 9RN rep on frequency?"

"KA9RII going to 9th Region."

As the net proceeds, I pick up maybe 8 pieces of thru traffic. The net runs late because of the heavy traffic load, and I just get tuned up on 40m when 9th Region is called.

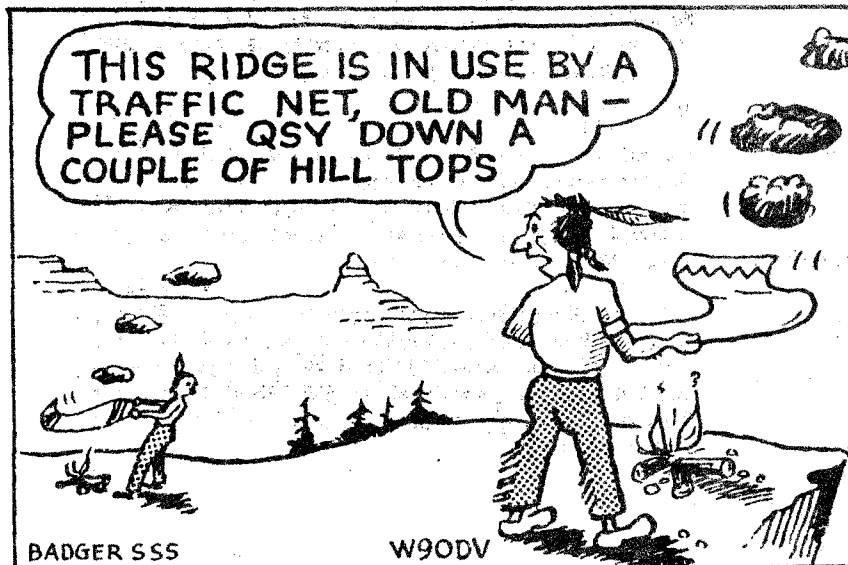
So much for that trip to the bathroom.

There're 2 pieces of Wisconsin traffic for me on this session, and after that's been cleared, the NCS asks me if I'll go to Central Area Net Daytime as transmit since I have most of the traffic anyway.

"Sure I can go." So I pick up some more from the other 9RN stations.. maybe 5 or 6 pieces. There're other intra-net messages, and the session runs late; at 1:45 I'm tuning up on 20m.

NOW I can go to the bathroom, and grab a couple of cookies. Back to the shack to start organizing the CAND traffic. Lots of book messages.

THANK YOU FOR ASKING



Now let's see.. does this one go with the book of 5 or the book of three?.. is this an "n" or an "h"??? About 2:29 I think I've got it all sorted out. "Calling the Central Area Net Daytime...."

Is there time to go to the bathroom? I'd better make time. Quick, get another glass of Coke.

"Is there a 9th Region transmit on frequency?" "KA9RII 9th Region transmit, with traffic." "What have you got, Lisa?" I'm still not sure; I forgot to separate this book.

"I have 5 Pacific Area, 3 10th Region, 2 5th Region, and 8 Eastern." I frantically work to separate the book, and then "KA9RII, radio check WB5XYZ; if good copy, move and get rid of your PAN." "Roger, roger."

Finally locate the receive station.. thank God, fairly decent copy.

"Please copy # 387R.." "I need some fills; some jackass is running a phone patch on this frequency." I repeat. "Roger 387."

"Please copy #.." "Will you morons get the hell off this frequency.. we're trying to pass traffic here." "Did you get the preamble?" "No, those idiots are covering you up.. wait, I can hear you now, go.."

"Please copy #...." "Were you guys born in a barn? You're interfering with our traffic handling. Haven't you ever heard of common courtesy?" (I wish there was more Coke in my glass....my throat is beginning to give out) "Do you need any more fills?" "Hell, yes. Those jerks. Just start over." (Geez....)

"Let's just move; I'm sure there's a quieter spot somewhere." "Just start over." "OK, please copy #.. end and three." "I need the signature.. why don't you guys learn English?.. you're running your damn phone patch right over us. Some people shouldn't even call themselves Amateurs." (I wonder what my pulse rate is?)

"Let's just move." "NO WAY, we've got traffic to move." (Geez, this is moving traffic?)

At last: "Roger your traffic; see you back on the net." (Not if I had a choice.)

CAND runs late; it's 3:45, and must re-tune for 3855. Great, I can hardly hear net control.

The CAND receive stations list their traffic.. 8 Wisconsin. Lots of QSB and no one can hear me to boot. Finally get relayed in and the fun begins.

A break while someone picks up some traffic for Illinois.

Can I go to the bathroom and get some more Coke in this short period of time? I guess not, but something tells me I'd sure better try.

"Lisa, call K9XYZ and pick up 4. KA9RII.... are you here Lisa? Does anyone hear her?" (Just hang on, I'm coming) "K9XYZ, call KA9RII and pass one Wisconsin." "KA9RII, please copy my book of 6..." (Geez, another book...)

It's 5:15, and D9RN finally secures. 15 minutes till the sideband net, and there are so many message forms spread out all over the shack I'll never get organized. Book traffic to write up, pencils to sharpen, what happened to that pack of cigarettes I just opened? Someone else must have smoked them.

Dash into the kitchen for more Coke, and look longingly at the bathroom. Why, oh WHY, when they designed this house, did they put such an important room in the next county?

5:30.... where's the net? Lots of QRM, but still.... you'd think I'd hear the net control.

"Anybody gonna take the net?" Silence. "Who's supposed to be net control tonight?" "I don't know.. was just wondering the same thing. I've got traffic." (YOU'VE got traffic!)

5:35. "Anyone gonna pick it up?" (PLEASE) "I'm not gonna do it." "Well, neither am I." (For heaven's sake, SOMEBODY get this show on the road).

"Well, I guess I can take it.. Calling the Wisconsin Sideband Net.. we'll dispense with the preamble." (Oh, no) "Anyone with traffic call WA9XYZ." (Aren't you going to ask for the 9RN rep???)

"When the lid who's tuning up finally stops maybe we can hear." "I hope he blows his finals." "How long does it take to get tuned up anyway?" "You'd think he'd have some idea where to set his damn tuner." (OH, for God's sake, get on with it.. I've got to go to the bathroom.)

At last, "KA9RII from 9th Region with traffic." "KA9RII please list." "I've got a total of 14 (I think)."

6:10. "Well, we got most of the traffic moved. Lots of business this time of year. Sorry about your last 4, Lisa. Can you hold them?" "Sure...." (I'm so hungry I could eat them for dinner, but I know I'd get indigestion, and not just because they're paper).

"The Wisconsin Sideband Net is secure." 15 minutes before the WCWTN.. can I

eat? No, but I CAN go to the bathroom.

"Calling the West Central Wisconsin Traffic Net...." "KA9RII, traffic." "KA9RII please list." "One, N9XYZ." "Please call your station and pass your traffic."*

"Thank you. N9XYZ, KA9RII. Ready to copy?" "Don't bother sending it.. I already have it. Someone heard it being passed on the other net and just called me on the phone with it." "Fine (\$\$%*#).

6:50. WHERE'S THE OFF SWITCH? WHERE'S THE REFRIGERATOR? WHERE'S THE BATHROOM?????????



"No matter what the project he's working on is supposed to be—it ends up being a light dimmer."

From "The Ground Wave"; St. Paul ARC

IN MEMORIAM

"We know when it's over

You called it your best.

Every minute of the future

Is a memory of the past.

'Cause we all gave the power,

We all gave the best..

And everyone gave everything..."

(From "Live is Life" by Opus)

Gregory B. Jarvis — Ellison S. Onizuka

Christa McAuliffe — Judith A. Resnik

Ronald E. McNair — Francis R. Scobee

Michael J. Smith

These seven American Astronauts gave everything on January 28, 1986, as Space Shuttle Challenger was destroyed just after liftoff from the Kennedy Space Center. It's over for them, and they all gave their best; they were part of our future, and now they are a memory. It was a day that has been etched into our own memories; a day we will not forget. But, we must go on giving our best. Our efforts in the last frontier must and will continue. And these seven have indeed touched the face of God.

OVER 70 YEARS OF W9PH HAM RADIO

By Richard R. Regent K9GDF
5003 South 26th Street
Milwaukee WI 53221

(Editor's Note: See cover photos)

We are greeted at the front door by Richard R. Ranson and his wife, and enter his immaculately kept home. He takes our coats and hangs them carefully in the front closet, then guides us to the living room and we settle down to talk about Amateur Radio.

Chairman W9VQD, Secretary W9YCV, and Treasurer K9GDF, of Wisconsin QCWA Chapter 55, were on hand for the presentation of the 70th Anniversary Award to W9PH as a distinguished QCWA member. This is only award number 18 of its kind worldwide.

Dick's story starts when he was 13 years old: "We strung bellwire down the alley and put a buzzer at each end with a couple of neighborhood experimenters. From that we got into the Ford spark coil and on-the-air," the year was 1914. "I still have the transformer and I remember the 18- by 24- inch graphic plates I used to make condensers for a 1 Kw rotary spark transmitter."

Neatly dressed in a long-sleeve white shirt, a tie with tie-clip, freshly pressed brown pants and shiny wing tip shoes, he continues the story with a slight quiver in his voice, "I tried to get my lessons done just as soon as I come home from school and then after supper, from 7 to 9 o'clock, I work on the wireless." In those days, the government stations did the heaviest sending all night, and the Amateurs would practice.

Living in Decatur at the time, Dick was more than 150 miles from the Chicago or St. Louis testing points, so he took the Conditional exam and became 9PH. "The test was easy, just some written questions and a notarized statement that I knew five word per minute code." Most QSOs were generally within a radius of 50 to 100 miles, but Dick's farthest in those days was with Texas.

Dick doesn't need a hearing aid, but does complain of a problem when using CW. "I feel bad because I get an involuntary tick in my wrist and a 'D' comes out 'B' every once in a while, and a 'B' comes out a '6'. I'm worse off than a guy with a bug." We reassure Dick that most of us have trouble with them dots.

As we browse through a scrapbook of pictures and clippings, one certificate

catches our eyes. It's Dick's Charter Membership to the National Wireless Association for 1917, an organization that disbanded during World War I. "When I wanted to get my Extra Class in 1953, thought I would get it under the grandfather clause. When I went, they gave me the whole test. But I passed."

Regarding his 1967 retirement on a fixed pension, Dick reinforces his explanations with humorous arm gestures: one arm level for pension income and the other sharply inclining and crossing to represent expenses, making a graph in mid-air.

"Has hamming helped you?" I ask. Without hesitation, Dick replies, "The Ham Radio background has been invaluable. You learn to do things on your own and if they don't work at first, why, you try them again. Ham Radio wasn't very much cut and dried. It's pretty necessary to try it and find out."

What do you think about new technology? "It's fantastic." Dick enthusiastically says, "I enjoy the computer oriented features like the memories. Like the other day, in the VHF contest, you'd be talking to somebody, put it into memory, go back fishing around, and come back to the same place. Dick looks a bit puzzled, so I ask him what's wrong. "I only got six grid squares in the contest."

What about Amateur Radio in the future? "The secrecy thing has got me more concerned than anything else. I don't know what's going to happen, we've been free and easy here in this country. With practically no restrictions on Ham Radio, we've been trusted for ethical operations. Laws might pass Congress to make it a felony to have a receiver, that gets to me."

A few seconds pass, and Dick relates the past to the future. "Some of the old techniques are left out of the new Amateur Radio books and magazines. And it's ridiculous how long it takes cards to go through the bureau."

What's your most memorable QSO? "I got lost down in Oklahoma one time while mobile and I tried to get some help. I don't know if it was on 40 meters, but I hooked up with a guy in Connecticut. He was very helpful. He says, 'There aren't any roads out there where you're at.'"

On how to become an oldtimer in hamming, Dick says, "You just never give up, once it's in your blood. You can always fall back on it day or night. When you're ill even, you can start sending code to yourself

in the hospital bed without anybody to listen to it," and he laughs.

In all his years of operating, Mr. Ranson has not yet received an FCC citation for breaking a rule.

Dick's Ham career can be summarized by paraphrasing an old newspaper clipping he has stuck on a world map in his shack, 'if something is worth doing, it's worth doing right.'

The old mantel clock on a table across the room chimes three times, the visit has whizzed by but gave us good memories.

As we get in our cars and slowly drive away, W9PH stands in his doorway and politely responds to each of our waves, the same waving hand that continues to tap out radio signals as it has done for over 72 years.

MORE ON H.R. 3378

From the Westlink Report, Feb. 7, 1986

The trepidations of Ham and SWLs surrounding the proposed Electronic Communications Privacy Act are now a part of the Congressional record as a result of testimony by the ARRL and ANARC at a House Subcommittee on Courts, Civil Liberties and the Administration of Justice hearing on HR-3378 held January 30 in Washington, D.C.

The two hour meeting took testimony from two panels.

The first consisted of two representatives of the AT&T telephone system. One spoke on corporate security while the second, an attorney, dealt with legal considerations. Both stressed the need for communications security, particularly for the company's customers.

The second panel consisted of ARRL Secretary Perry Williams, W1UED; Terry Colgan of the Association of North American Radio Clubs (ANARC); and the Vice President for Corporate Planning for the Ft. Worth, Texas, based Tandy Corporation.

The Tandy presentation appeared to be somewhat ambivalent because the company is caught between the proverbial "rock and a hard place." The company serves both the cellular telephone and scanner radio markets with equal vigor.

The stand of the ARRL was another matter. The League's position in direct opposition to HR - 3378 has apparently hardened considerably since Perry Williams wrote his editorial which appears in the current issue of QST.

The League took the position that HR 3378, in its present form, is not a good bill: it would place undue constraints upon Amateur Radio in non-Amateur affairs (i.e., third party autopatches, etc.) as well as endangering the civil liberties of the general public.

It was, however, the testimony of ANARC's Terry Colgan that did the most damage to the intransigent stand of the various telephone lobby interests that support the bill as written.

The first showed a simple speech inversion encryption technique and its effect of providing security to communications. Then he showed the \$4.00 IC that accomplished the encoding-decoding task. He followed this with another taped demonstration of a sophisticated digital voice encryption system and again produced for inspection the \$40 chip set needed for the technique.

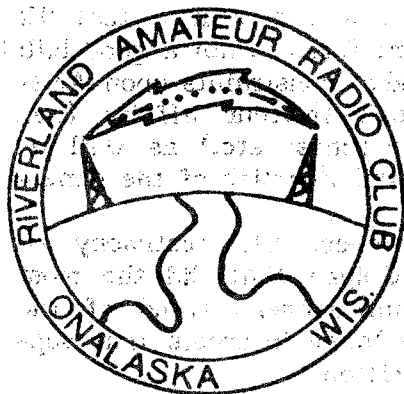
He also had, but did not play, an audio recording of various cellular radiotelephone conversations which were recorded directly from a low cost consumer television receiver, arguing the fact that any citizen who owns any television set with a UHF tuner is capable of systematic monitoring of the cellular radiotelephone band.

Colgan opted not to play the recording because of current laws which forbid the divulging of any communications other than those permitted under the Communications Act. However, he explained the content of the tape, the technique used to garner the signals, and concluded, "This is as simple as it can get!"

Most observers agreed that the Hams and SWLs made an effective presentation and that the testimony given at this hearing will definitely have an impact on the final version of HR - 3378 that will come from this subcommittee.

(Information in this story was provided by Joe Schroeder, W9JUV, who attended the hearing as the representative of Ham Radio Magazine).

BSSS congratulates Clyde "Coffee" Downing, W9HSY, radio personality par excellence, who now holds forth on WHIT, AM 1550, Madison, from 6:30 to 10:00 a.m. weekdays. Clyde, who is President of the Madison Area Repeater Association (16/76 and 75/15), is a 20+ year veteran of the former WISM (now WTDY) in Madison. WTDY's loss is WHIT's gain! k9zz.



On February 5, 1986, at 7:35 p.m. the regular monthly meeting of the Riverland Amateur Radio Club was called to order by President Craig Goldbeck.

The minutes of the January meeting were approved as read from the Badger State Smoke Signals. The Treasurer's report was approved.

37/97 Report: Acting on some complaints of a power loss on the repeater signal strength, the repeater committee returned to the site.

After retuning of the repeater and changing of a few parts, the repeater is back up to full strength.

Old Business: A thorough study of our Constitution has been completed by Charlie Burch. He has rewritten it, making any changes that were needed. After Charlie's reading and explanation of the new proposed Constitution, the membership had a brief discussion on items they would like changed.

The Constitution will be reviewed by by everyone thruout the month and further discussion will take place at the March meeting.

Prefix Contest is starting its last month; bring in your totals to the March meeting.

Next tentative date for an Exam will be some time in May. Anyone with an interest in taking an exam can get hold of Rick, KV9U, at 783-8028.

New Business: Our Swapfest date has been set for July 26.

Congratulations to Rick for being top NCS for 1985 for the Wisconsin Slow Speed Net.

Meeting was adjourned at 8:28 p.m.

Total members present was 25.

No program was scheduled.

Respectfully submitted:

Greg A. Miller

Sec. Treas. RARC

Members Present - February 1986

Greg Miller	KA9FOZ
Craig Goldbeck	N9ETD
Charlie Burch	---
Herman Ludvik	W9HJV
Mike Nelson	KB9RJ
Bob Pluntz	WD9FKV
Jim Brooker	N9DBK
Ernie Gershon	K9ZVU
Jim Theisen	KD9EG
Ron Reed	KD9OY
Gary Mattie	KA9RQY
Rick Williams	KV9U
Duane Fruechte	W9HWQ
Van Elston	WA9FIO
Art Osborn	W0JDC
Bob Anderson	WA0VHO
Gary Countryman	KD9RL
Don Dentandt	W9NQS
Ken Weigel	N9CDT
Phil Long	KA9RLI
"Knut" Knutson	W9SFL
Dallas Miller	K9LEC
L. F. Bentzen	K9EGO
John Young	W9KAZ
Gary Webb	N19V

Guests Present

Phil Weigel Jackie Lyon

Additional Notes

A very important business decision is presently being discussed which could make some major changes in our Club. The rewriting of our Constitution is presently under consideration. A discussion of this will be taking place at the March and April meetings. If you have anything you would like to contribute to this issue, attend the next meeting which will be on March 5 at the Onalaska Community Center.

Next meeting has been designated as a Mini-Swapfest Night, so bring along something you would like to sell or trade and set it out on the table for all to see.

What would you like to see or do at our club meetings? If you have a special interest or program you would like to see, let us know at the next meeting. Ideas for meeting night programs are badly needed.

Your editor (K9ZZ) is looking for an older synthesized 2 meter rig in working order. You got? Call (608) 356-4249.

PROPAGATION PREDICTIONS

By Woody Minar K9EF
13508 Tabscott Drive
Chantilly VA 22021

This is an introduction to the first of a series about radio wave propagation. To understand it, learn some simple terminology and how to interpret that information into something useful.

Upcoming articles will include: Why do we predict? What are the Kp and A indices? What is the 2800 MHz solar flux? The great sunspot cycles (from the 1700's to now.) Historical events and the sunspot cycle. Where do we get more information?

Each article will include propagation predictions for the upcoming four to six week period. They are a by-product of a hobby of mine, solar and magnetic flux relationship.

The predictions have had a relatively high percentage of accuracy since May 1974.

Used by itself, or in conjunction with other predictions, you should be able to maximize your on-the-air time. Knowing when to be on the air will increase your chances of catching a needed state or rare country on that high or low band.

Introduction over, here are next month's predictions, which are accurate to plus/minus one day throughout most of the period.

The scale is Very Bad, Bad, Good, Very Good (keep in mind this is relative to the present time and sunspot cycle.)

DATES

OUTCOME

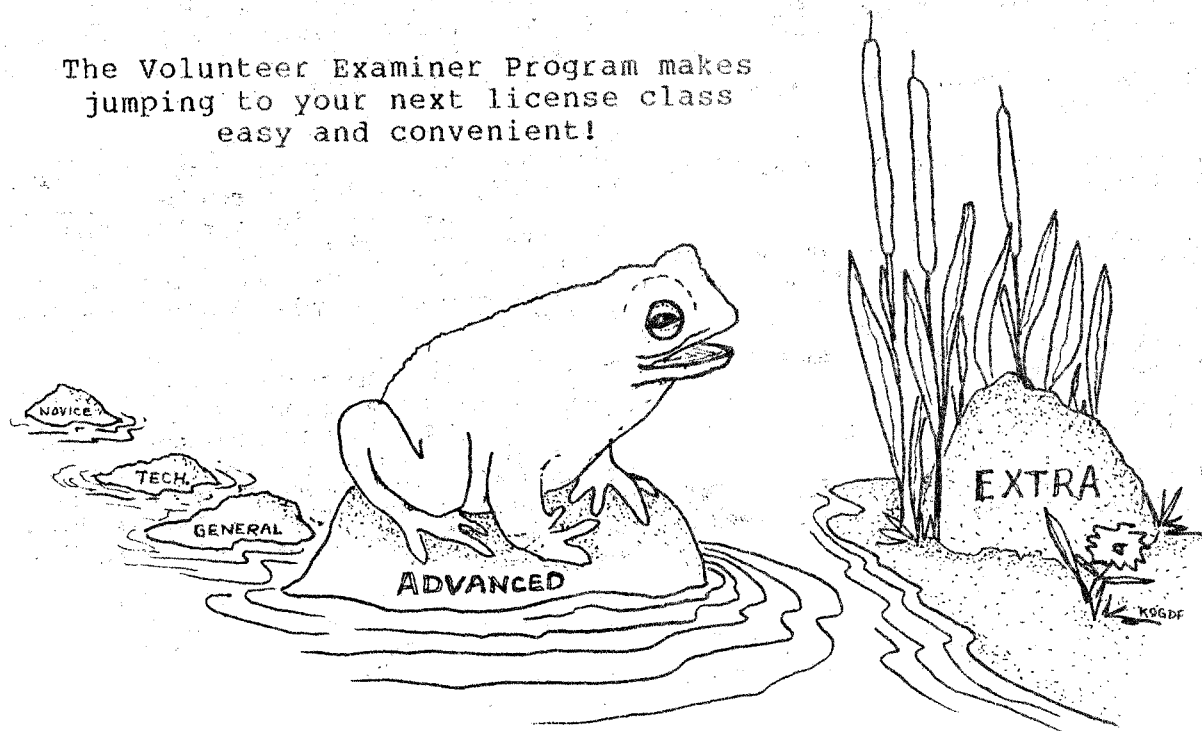
Feb 23-25	Very Bad
Mar 3- 4	Very Good
Mar 10-11	Bad
Mar 16-17	Good
Mar 23-25	Very Bad
Mar 31-	Very Good

Slow Code Filings

Comments favoring expansion of Novice Class operating privileges, including phone on 28, 220 and 1240 MHz, have been reported by 220 Notes Editor Art Reis, K9XI. He was informed by the ARRL that comments ran 4 to 1 in favor of RM-5083. Reis' article also quoted from the West Coast VHFer newsletter that FCC Special Services Division Chief Raymond Kowalski is predicting some form of positive action on the issue between now and April 1. (From the Westlink Report.)

Lots of good stuff in April BSSS! Be here!

The Volunteer Examiner Program makes jumping to your next license class easy and convenient!



WISCONSIN NETS ASSOCIATION

WISCONSIN NETS

NET	WNA	FREQ	UTC	CST	MANAGER
BWN	YES	3984	1200Z	0600	WD9IID
BEN	YES	3985	1800Z	1200	WB9ESM
WSBN	YES	3985	2330Z	1730	WA9ZTY
WNN	YES	3723	0000Z	1800	KA9OBP
WSSN	YES	3645	0030Z	1830	N9BDL
WIN-E	YES	3662	0100Z	1900	WB9ICH
WIN-L	YES	3662	0400	2200	KC9CJ
NWTN	YES	34/94	0030Z	1830	W9JSF
WCWTN	YES	31/91	0030Z	1830	KA9RII
GR.BAY	NO	72/12	0245Z	2045	WB9NRK
			THU	WED	
WRN	NO	3625	0000Z	1800	K9UTQ
	RTTY	Mon. Wed. Fri.	UTC		
		Sun. Tue. Thu.	Local time		

SECTION MANAGER'S NOTES

January 1986

Richard R. Regent K9BDF
Section Manager WI
5003 South 26th Street
Milwaukee WI 53221

Congratulations to Green Fox ARC for qualifying as a Special Service Club.

The prestigious Milwaukee RAC has been selected to handle QSL cards for Space Mission Challenger 51-F QSOs.

ATC N9EYU is TVI Chairman for MRAC and successful in finding a variety of interference.

ATC W9YSD teaching license classes and building voice synthesis frequency readout for blind operators.

ATC N9EJO set up his own repeater on 145.29 in Wisconsin Rapids area.

W9PH of Whitefish Bay has been a licensed Radio Amateur for over 72 years.

KD9QR is now Chief Operator KBVR / KNIK-FM in Anchorage, Alaska.

Madison Swapfest, Dane County Expo Center Forum Building, April 6th.

Please complete and return the survey in the March Public Service column of QST to Headquarters by April 15th.

I'll be at the Fox Cities ARC meeting, Roosevelt High School in Appleton on April 21st.

Sorry to report Silent Keys W9PD and W9KYR.

W9FMU gave RFI/TVI talk to Rock River RC, is WBEV Engineer, and gives 5 - minute radio show about hamming each week.

ARRL affiliated clubs can receive a Club President's Workbook, loaded with tips and ideas for motivating your club members. Headquarters sends a free copy when they receive a completed annual report from your club.

N9EQP is on Packet Radio and is looking for BBS software for Apple or C/PM.

Traffic Training Assistants, Amateurs with NCS or MM experience, are needed for the Superior, La Crosse, Green Bay and Madison areas; contact K9UTQ.

My manuscript for the Emergency Communications chapter of the 1986 ARRL Operating Manual has been accepted.

CAND REPORT JAN 1986 X 589 MESSAGES IN 31 SESSIONS X D9RW REPRESENTED 100 PERCENT X STATIONS N9BGE KA9RII AND W9ODV X 73 - JERRY CAND NM

JANUARY TRAFFIC UNDER 50

N9BCX 41; W9ODV 39; K9JPS 36; K9VSD 31; W9UW 31; K9FHI 30; K69B 25; KA9BHK 12; WD9DNO 12; WA9WYS 11; KY9P 8; WA9USD 4; W9CXV 2.

TRAFFIK TOPIX

Greetings all,

Well another year is behind us and we are already well into the next. Time sure has a way of sneaking by doesn't it. I'll bet you all broke your New Year's resolutions already - right?

One resolution that I made was to handle more traffic than I did last year and so far I'm doing pretty good if I say so myself! Don't know if it will last but I will give it my best shot anyway.

I do know that there are a lot of amateurs out there that should have made a resolution to pass at least a few pieces of traffic this year but maybe that is asking too much of the general amateur community.

Several years ago, Kurt Meyers, WB1Q added up the totals of various nets as reported in QST to determine what percentage of traffic goes by voice and what by CW. At that time, CW was the winner hands down. I don't know of any recent study and so won't venture an opinion. If I did, it would no doubt be biased, more indicative of my own operating preferences than of the objective fact.

If you look at the number of stations reporting their monthly totals to the Section Manager, as published in QST, you would see that the total is somewhere between 1000 and 1500. Even making generous allowances for those who handle traffic and are not reported, it looks like less than 1 percent of the amateurs in the United States and Canada handle traffic. Think of it - less than 1 percent!!

The usual monthly total of traffic reported to the SMs is somewhere around 120,000. A recent QST listed 40 calls in the Brass Pounders League, and these were responsible for over 25,000 pieces of traffic - one-fifth of the total!!

There is a remedy to this sad situation but we have to work as a team to be successful. We have to encourage beginners in Amateur Radio to take an interest in traffic handling, or at least make sure they know of its existence.

There are many classes throughout the country to help prospective amateurs prepare for their license exams. But I wonder how many of them make even the slightest mention of traffic handling and nets. These classes should not only teach them what they need to know to get their licenses, they should also teach what they can do once they get them.

We have a fine Novice net here in Wisconsin but the average number of checkins in that net is around 5 stations per session. This is a sad, sad situation. I know that we have many many more Novices than that in the state. Where the heck are they??

Why aren't they checking into this net? Don't they know about it?

I think a good way to solicit participation in the Novice Net is to send new novices a formal radiogram inviting them to participate. Because most such messages will be delivered by an experienced traffic handler, the Novice will have someone right there who can answer questions and add a word of personal encouragement.

Now for the 1985 net stats. Rather than take up valuable space here with individual net breakdowns I will just list the combined totals for all nets. If you would like to see how each net fared in '85 just send me a radiogram and I will send you a detailed breakdown.

Total net sessions: 3,198
Total Checkins: 54,171
Total Traffic Offrd: 29,316
Total Traffic Clrd: 26,982
Percent Tffc Clrd: 92%
Total Time (mins): 99,381

The time computes to 69 days of continuous net activity in 1985.

These figures are down considerably from the 1983/84 stats. To put it simply, we need more traffic and more people to handle it. Let's get out and recruit!!

If it weren't for the Badger Weather Net we would be in sad shape indeed.

As I stated in a recent letter to all Net Managers, if something isn't supported, it doesn't survive. I don't think that any of us wants to see any net die. However, that is what will happen if something isn't done - and soon!! I speak here of our CW nets. With all the computers going on line in hamshacks throughout the country, I would think that people would enjoy "keyboard CW". Where are they?? By the way, Wisconsin is not alone with this problem. I have talked to STMs in other states and they are experiencing similar situations.

Training of the amateur community in traffic handling is a major responsibility of mine as Section Traffic Manager. Most of you are aware of the program that was launched a few months ago in which I recruited several experienced traffic handlers to be Traffic Training Assistants. However, I could use more. Particularly in the LaCrosse, Fond du Lac, Green Bay and Superior areas. People are reluctant to participate in something that they know little or nothing about. Traffic nets are no exception. Therefore, we as experienced traffic handlers have to get out and teach people about it. We have to make them feel needed and welcome in the traffic system. Then, and only then, will we see a turnaround in those declining statistics. If you know of a qualified individual who would like to become a Traffic Training Assistant, please have them contact me and I will send them complete information.

We have two new Net Managers of late. Taking over the West Central Wisconsin Traffic Net is Lisa Harper, KA9RII of Eau Claire. Doug Alderton, KA9SKU of Rhinelander has taken control of the Northwoods Traffic Net. Net Managers are a very vital part of the National Traffic System and I congratulate both of you for your willingness to keep these nets going. Good luck!

The ARRL net directories for 1985/86 are now available. However, there is now a \$1.00 fee for them. Therefore, I will not be keeping a large supply on hand at any one time. If you desire a copy, I recommend that you order direct from the League.

Finally, just a reminder to all of you NMs. We have space allocated to us in this publication. Lets make good use of it by getting columns submitted when due. You have all been mailed a schedule of publication for your particular nets. I hope to see all of you represented throughout the year. Thank you.

73,

Gene Santoski K9UTQ
Section Traffic Mgr
Wisconsin Section-ARRL

WISCONSIN INTRASTATE NET - LATE (WIN/L)

Dick Hugi, KC9CJ, Net Manager
2962 North 60th Street
Milwaukee WI 53210

I realise that it has been a long time since I have contributed to this section of the paper and can only throw myself on the mercy of the editors. Can I get by with a plea of temporary insanity? How about busy?

I managed to get out of another semester of school relatively untouched by the formal education process. Maybe they will just give up trying to educate me and let me stay dumb.

Down to business. HELP. WIN/L is in trouble. We have a large number of slots for net controls and 9RN representatives that are open. These positions are the backbone of the net, and we cannot continue to function if they are not filled. Please contact me if you can help in any of the areas that are open.

Les, W9YCV; Gene, K9UTB; Hale, W9CRE; Paul, KA9OBP, and Larry, W9AUG, have been doing the lion's share of the work and I would sure like to see them get a well earned rest. I need help on Thursday, Friday, and Sunday nights for 9RN.

The net controls have been doing an excellent job of keeping things moving when they have the people to send the traffic to, but checkins have been dropping for the last two years. We are down to an average of four checkins per night, and this includes the net control and 9RN reps. Not a very bright picture for the net.

I feel that if conditions do not improve we will lose the net and a valuable link with the NTS for Cycle Four.

Ron, W9UW, keeps us busy on Tuesdays and Les, W9YCV, does his usual fine job on Wednesdays. On Saturday, Paul, KA9OBP, has been holding down the fort, and Dwight, AG9G, has been as steady as a rock on Sundays. Monday, Thursday and Friday nights are looking for someone to claim them.

Not only are these people doing a great job on this net, but if you listen, it is the same ones who take the messages from Late WIN to the SSB nets the next day when there are no outlets for the traffic. They, and a few other people, can be found picking up traffic at noon and 5:30 to go to Early WIN and 9RN cycles 2 and 4. There are not enough ways to say thanks for the wonderful job they do.

I have to wonder what will happen if we are ever called upon to fulfill our role of communicators in the event of an emergency. As it is now, when the Christmas / New Years rush comes along, it seems that there are not enough operators to handle all the traffic. If a real emergency were to happen, I wonder where we would get the trained operators to help with all the traffic we would have.

I get a little nervous thinking about what would happen if we had to rely on just the few people we have now that are truly trained for the job which would have to be done. It is not enough to be able to originate a message if there is no one who can pick up that message and know what to do with it.

I have seen this same thing happening on all the nets, and not just in our state. Peggy, W9JUG, and Dale, WB9JTE, the net managers on 9RN cycles 4 and 2, tell me that they have the same problem. They need trained operators to take the traffic that we and other states originate and pass it along to higher nets. I know that there are some holes in the ICC roster, and CAN could use some help. That is what is happening now. What would happen if the other two cycles of the NTS would be needed? We would be hard pressed to do our job.

It is going to take some talking to all of our clubs to increase the numbers of people that are active in the nets. If each one of us would contact our local club and offer to send messages, it would help make other Amateurs aware of our nets. If each one of us would go to their local club meeting and volunteer to give a talk to the club on the history of the nets, the way our nets operate, the methods to use in originating a message and passing it on the air, the operating procedures on SSB, CW and RTTY nets, well, then I think

that we would start to build a really great net system.

I will go to any club meeting to give such a talk if you would only promise to have your members there. They don't have to promise to be awake; I'll try to make it interesting enough to keep their attention.

PLEASE try to advance our Wisconsin nets. The WNA is a group that, as far as I know, is unique. It is a group devoted to the advancement of traffic nets and traffic handling. It was twenty - five years old this year, and has contributed a lot to the organization of our nets.

If you know of anyone who is interested in traffic and does not already subscribe to BSSS, please have them get in touch with Mike Hamman, KA9BHL, to join the WNA BOOSTERS. They will get a handsome certificate, the all - new WNA Operating Manual, and a years' subscription to BSSS. The price is a nominal \$10.00 for the first year, and \$7.00 thereafter. If you don't want to become a Booster, then at least consider subscribing to BSSS and keep up with news of the WNA.

Roses are red
Violets are blue
The WNA
Can use you too.

73, Dick, KC9CJ

ARRL BOARD MEETS:
BLASTS FCC SLAP AT PACKET RADIO
SAYS "YES" TO NATIONAL REPEATER DATA BASE

From The ARRL Letter
January 30, 1986

The ARRL Board of Directors held its 1986 first meeting in Hartford, Connecticut, on January 23 and 24. Here's a summary of major actions taken, grouped, as much as possible, by subject.

ORGANIZATIONAL MATTERS: President Larry E. Price, W4RA, was reelected to serve until the 1988 annual meeting. Also reelected were Executive Vice President David Sumner, K1ZZ, Secretary Perry Williams, W1UED, and Treasurer James E. McCobb, Jr., K1LLU. Newly elected as First Vice President was Jay A. Holladay, W6EJJ. Leonard M. Nathanson, W8RC, and William J. Stevens, W6ZM, were elected as Vice Presidents.

Tod Olson, K0TO, is the new International Affairs Vice President. Replacing Olson as Dakota Division Director is the present Vice Director, Howard Mark, W00ZC. Serving on the Executive Committee, in addition to Messrs. Price, Holladay and Sumner, will be Directors Paul Grauer, W0FIR, George S. Wilson, W4DYI, Frank M. Butler, Jr., W4RN, and Hugh A. Turnbull, W3ABC, until the 1987 annual meeting.

At Minute 51, it was voted that the job description for the Section Public Information Officer be modified to include the responsibility for establishing a speakers bureau within the Section to provide Amateurs to present talks on Amateur Radio to non - Amateur groups including schools, service clubs, civic groups, etc.

Minute 54 orders that a brochure explaining Amateur Radio disaster capabilities, suggested by the Emergency Communications Advisory Committee, be produced and distributed to the media and served agencies.

At Minute 60, it was resolved that ARRL explore the possibilities of Memoranda of Understanding with the National Weather Service and Civil Air Patrol. Minute 70 continued this theme: the Executive Vice President was directed to implement the staff plan to actively promote Local Memoranda of Understanding for use by Amateur Radio Emergency Service officials, as approved by the Volunteer Resources Committee.

At Minute 73, the President is empowered to appoint a Special Study Committee to take a close look at all Advisory Committees, including their size, selection of members, tenure and financing.

At Minute 75, it was voted that the HQ staff prepare, in consultation with experienced members in the field, a guidebook for sponsoring conventions and hamfests.

At Minute 77, it was voted that the ARRL Board create a "Legal Strategy Committee." The Committee will work with the Volunteer Resources Committee to enhance the Volunteer Counsel Program by providing assistance in matters related to antenna ordinances, zoning restrictions as they relate to antenna operations, and deed restriction problems.

At Minute 78, it was voted that HQ staff be directed to forward to new Section Managers a complete sampling of all forms, handouts, brochures and pamphlets relevant to the Field Organization that are available from League HQ. Further, whenever a new form, handout, brochure or pamphlet is developed, it shall be promptly forwarded to all Section Managers.

At Minute 81, the Executive Vice President was instructed to develop a program of special encouragement and support to Amateur Radio Clubs located at US military installations, particularly those at which communications and electronics training are performed, and to pursue with MARS organizations the possibility of enhanced MARS operations at these sites, with training of new Amateur licensees a primary objective.

Minute 83 authorizes the implementation of a program authorizing ARRL Field Organization volunteers to purchase distinctive official ARRL callsign badges.

The Board took two actions looking forward to ARRL's 75th anniversary in 1989: ARRL will offer to host the 1989 Triennial meeting of IARU Region 2, and criteria for selecting the 1989 ARRL National Convention site were adopted. These criteria will be published in the March and April issues of QST, and selections made at the Board's July 24 meeting.

PACKET RADIO. At Minute 53, it was voted that the League take the necessary actions to CAUSE FCC DOCKET 85-105 TO BE AMENDED TO CORRECT ITS RESTRICTIVE AND CRIPPLING EFFECT ON THE DEVELOPMENT OF PACKET RADIO and packet - radio emergency communications caused by the requirement that a control operator be present at each domestic intermediary relay point for transmission of third - party traffic.

FCC / REGULATORY / LICENSING. At Minute 92, plans to continue discussing the possibility of League in-

volvement in call sign issuance with the FCC were left in place, despite some expressed misgivings.

At Minute 88, it was unanimously voted that the League file with FCC a petition requiring the labelling of home electronic equipment with regard to its susceptibility to RF energy.

At Minute 94, it was voted that the President represent to the FCC that ALL Volunteer Examiner Coordinators be required equally to perform all administrative and clerical functions required of any VEC.

Minute 103 announces that FCC will be petitioned to modify Section 97.313 of its Rules so as to specify that, in accordance with IARU recommendations, overseas operators, when operating in the US under the terms of reciprocal operating permits, will sign their US call - area designators BEFORE their foreign callsigns - ie, W4/DL6TJ rather than DL6TJ/W4.

REPEATERS. In the August 1 (ARRL) Letter, we reported that the Board had voted, at its July 1985 meeting, that a study be made of the costs of maintaining a national repeater data base in support of local and regional coordination efforts. At Minute 79 of the meeting just past, IT WAS VOTED THAT THE DATABASE BE IMPLEMENTED - THE NATIONAL REPEATER DATABASE WILL BE A REALITY. With regard to its operation, this resolution was adopted at Minute 84:

To implement the Board's previous insulation of the League from repeater coordination activities, BE IT RESOLVED that access to a League repeater data base of publication does not constitute nor imply endorsement or recognition of the authority of such coordinators. Upon being advised by a disputant of a bona fide dispute concerning the authority of one having access, further authority to input data as to the subject area of the dispute will be suspended pending its resolution.

Appropriate caveats will be made in the Repeater Directory as to the disassociation of the League from coordination and certification of coordinators, and pointing out that the coordinators and not the League represent the fact of coordination of repeaters in future issues of the Directory.

League Officials will be reminded the League, as a matter of policy, takes no part in the coordination process and will be directed to govern their actions accordingly.

At Minute 64, it was voted that the Repeater Coordinators' Newsletter be offered for sale to the general membership of the League while continuing its free distribution to repeater coordinators.

OPERATING/AWARDS. At Minute 61, the Board adopted a 160 - METER BAND PLAN. The League recommends 1800 - 1840 KHz for CW, RTTY and other narrow - band modes, 1840 - 2000 KHz for CW, SSB, SSTV and other wide - band modes, and further recommends that only inter-continental QSOs take place at 1830 - 1850 KHz. The Board did not agree to a proposal that these subbands should be incorporated in the FCC rules at this point.

At Minute 27, it was voted that the President is to actively pursue persuading IARU to adopt a policy regarding awards credit for contacts made on 10 MHz, similar to that of ARRL.

CONCERNING 18 AND 24 MHz. A motion was adopted at Minute 50 that ARRL AWARDS CREDIT other than for five months be RECOGNIZED for ALL AMATEUR RADIO BANDS. More on this theme at Minute 67, where it was voted that CREDIT FOR FIELD DAY CONTACTS be GRANTED for all bands save 10 MHz.

Minute 52 informs us that the Membership Services Committee will develop a plan for a special Golden Jubilee DXCC Award.

STUDIES. Minute 45 tells us that these items are to be studied: (a) designation of packet radio channels; (b) development of activity for youngsters in radio clubs; (c) plastic holder for existing ARES card; (d) the Public Information Officer / Public Information Assistant and club public relations roles; (e) the club liability insurance plan; (f) listing packet stations in a Directory; (g) costs of diskettes of Call Directory Information; (h) study recommended operating frequencies for VHF and HF packet radio; (i) feasibility of producing a videotape to train Emergency Coordinators and ARES members; (j) operating practices at WIAM; (k) acquisition of video tapes which depict Amateur Radio activities / subjects.

At Minute 49, the Publications Committee will study the feasibility of combining present ARRL newsletters into a single, inexpensively produced publication able to carry material in a more timely and cost-effective manner than separate newsletters, to be made more widely available to the ARRL membership.

At Minute 66, we learn that the President will appoint a Blue Ribbon Committee for study and recommendations as to methods of handling message traffic overloads during an emergency.

At Minute 69, the Membership Services Committee is to study the establishment of a tape-recorded news and information service to be accessed by telephone.

Minute 86: The Committee will also review, along with the Contest Advisory Committee, the present three-tier club competition plan to ensure that club category advertisers are reasonable.

The complete Minutes will appear in March QST. Perhaps best concluding this roundup of the Board's January meeting is this, from Minute 16:

In his written report President Price pointed out that in 1985, the League had a near-record growth in membership, about 15,000, or 12% over 1984. Obviously, he said, are the gains that have been achieved in staff and management efficiency. Other achievements for 1985 are detailed in the editorial of January, 1986, which was made part of the report.

In the coming year, the President said, we must have even more League members in order to enlarge our financial base and we must have even more Radio Amateurs if we are to continue to be seen by governmental decision makers as a growing and vital service.

Sometime in the 1990's, Mr. Price warned, it may become necessary for Radio Amateurs worldwide to once again face the perils of an allocations conference of the International Telecommunications Union.

In brief oral remarks, the President urged League officials to think positively about Amateur Radio's future and "to talk up Amateur Radio, to talk up ARRL."

SHAWANO AREA BREAKFAST - The first Saturday of each month is breakfast time for Hams in that area. It gets underway at 7:00 a.m.; to find the location for that day, call on 145.35, transmit 600 KHz. SHAWANO ARES NET meets Mondays at 8:00 p.m.; on the third Monday of the month, there's an ARES meeting in the courthouse. A special meeting will be held at the Courthouse on February 25 at 8:00 for a weather training session given by NOAA Weather Service personnel.

FROM YOUR EDITOR

Our Badger State Boosters page is back with this issue. Most of our regular supporters are back again; they are P & B Auto Parts, Baraboo; Rhyme Supply, Inc., Portage; Darrow's Country Market, Baraboo; Turner's Broadway Liquor Mart, Baraboo; Baraboo Floral Co., Baraboo; Siegerich's Sons, Prairie du Sac; Troyer Rexall Drugs, Baraboo; WPDR / WDOO Radio, Portage; The West Allis Radio Amateur Club / Midwinter Swapfest; The Madison Area Repeater Association / Madison Swapfest; South Milwaukee Amateur Radio Club Swapfest; Vodak TV Sales, Baraboo; Amateur Electronic Supply, Milwaukee; Pierce's Supermarkets, Inc., Baraboo; Portage / Pardeeville / Fox Lake, and Riverland Electric Co., Onalaska.

New to our Boosters page this year are: Lust Auction Services, Verona, operated by Dick Lust, K9APM; The Software Shoppe, Fond du Lac, operated by Ken Moran, WA4COY (one of the organizers of the Wisconsin Amateur Packet Radio Association), 73 Magazine, Peterborough, New Hampshire (to which Wayne Green, W2NSD, recently returned), TNT Radio Sales, Inc., Robbinsdale, Minnesota, and Leisure World, Baraboo (Leisure World was on our page last year, but its operation is much different now, including its location.)

We apologize for the absence of the page last month, but it will still run 12 full months. To our advertisers, we extend our sincere thanks. Were it not for you, BSSS would be a financial impossibility. To our readers, we encourage you to read the Booster page. When you need an item, check with whichever of our advertisers to see if they can supply it. If you support them, they hopefully will continue to support us!

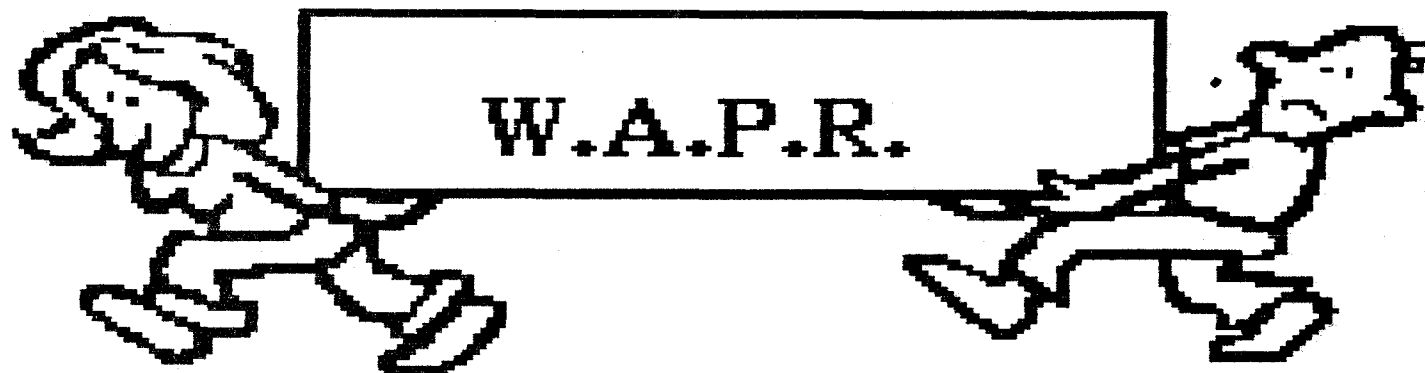
Add another unsung hero to those who help us with BSSS every month - Joan Anderson, YF of Phil, W9TP, makes some electronic stencils for us for each issue. These allow us economical reproduction of line art (cartoons, crossword puzzles, logos, etc.) Thank, Joan!

Finally, I'm looking for a synthesized 2-meter radio in the 10-20-watt category for Packet Radio use. Something ala the Midland 13-510 would be fine, but it has to be working. Also, I can't afford something too high priced. If you have something meeting these criteria, please call (608) 356-4249. Danken. Gracias. Merci. Thankx.

Jim, K9ZZ

Our thanks to Merle, K9WK for the headlines on the YTARC and WNA pages.

73 and see you next month -- de bssss staff



The Wisconsin Packeteer*March 1986

Wapr Meeting

On January 11, 1986 the Wisconsin Amateur Packet Radio Association met at the swap-fest sponsored by the West Allis Radio Amateur Club. This swapfest was very well attended as was the WAPR meeting at 1:00 PM. The committee reported it's actions of the November meeting in Waukesha and also brought forward several items for the action of the main body. These actions will be found in article "WAPR ACTIONS". Verne Buland asked to be replaced on the main committee due to personal work load, and was replaced by WB9YLR, Jack Sides, by a unanimous decision. Two additional members were added to this committee, which are N9BP0, Frank Davis, of Green Bay & KO6AD, Leslie Hittner, of Winona, Minnesota. I might add that Jack is from Lindenhurst, Ill., so we have reps from our neighboring states.

wapr actions

- 1.) Accepted purpose of association: "To promote and coordinate a Complete State-wide Network for packet radio in Wisconsin (CSN)".
- 2.) Converted the steering committee into a Board of Directors, rather than have officers.
- 3.) Created 9 permanent positions on the board.
- 4.) Decided to have at least 4 general meeting a year. (with option to call more)
- 5.) Decided to select new committee and any dues changes at July meeting.
- 6.) Heard detailed report from digipeater committee, resulting from their December meeting at Stevens Point (QTH:KD9NU,N9CLE, WA9SOU,N9BQM & KC9NW)
- 7.) Briefs of Technical Committee, N9EYI & Level 3 Committee, WA9SOU, WA4COY, WB9WRW.

Digipeaters

N9cle opened the digipeater report. He noted existing and proposed digipeater sites on a state map. Current digipeater planning that was going on in the state was discussed. The Green Bay folks are planning one in their area after the first of the year, at a temporary location until weather permits it's permanent relocation to Scray's Hill. The Fond du Lac bunch has finally found an ideal location for a digipeater, which will be known as WB9SDA-I. It is expected to be up sometime in February. There is also activity in the Eau Claire-Lacrosse area to provide a link into the Minnesota area. This is great momentum and generous help by packet operators to put together the links of the digipeater network. Hope all the other areas of the state will see fit to join in too.

PACTECH

Welcome to Pactech. The Name here is Dennis (N9EYD), and the QTH is the living-room which is near beautiful downtown Waukesha. I, and hopefully one or two other people will be writing a column aimed at the hardware used in packet radio which is growing at a rate only compared to IBM clones. So lets get at it before I use too much space.

Speaking of PC clones, there is a packet board on the market called the HAPN PC-PACKET ADAPTER. As the name implies this one goes right in one of the PC's slots and with making the connection to the radio you are ready for packet radio. Many times I have thought how nice it would be to have everything under one cabinet, so with this addition you have just that. Now the folks at HAPN (Hamilton Area Packet Network) also have optional software that lets you set up a Bulliten Board, File Transfer Programs, or advance VADCG software know as U1 and U2. The price of the board with AX.25 software is \$199.00/U.S. For more information you may write to: HAPN, Box 4466, Station D, Hamilton, Ontario, Canada, L8U4S7. This is a kit so warm up the soldering iron!

With packet radio being so relatively new I am sorry to say we all have more questions than answers, so in closing I will list some of them and if any one has the answers or other questions, let me or WAPR know about them. I am good in the 86 callbook and I also monitor packet, morning or late nite. So here are the questions:

1. Why does the date function only run slow when using Rev. 2 TAPR TNC2 and not a PK-80 or Vers. 1?
2. Just how do those MFJ TNC's stand up to the other TNC2's? (Wow...what a price)
3. Where the heck is version 4.0 for the TNC1's?
4. And when will someone in Rockford Ill. get interested in packet so we have another possible path to Chicago?

Of course time will answer these questions and many others so in the mean time enjoy and hope to print you soon.

73 de N9EYI

W.A.R.A.C.

Thanks to the West Allis Radio Amateur Club for providing the meeting place for the Wisconsin Amateur Packet Radio Assn.

Editor Needed

Please give this request some serious consideration. WAPR needs an editor. Up until now, it has been difficult putting the data together for each month's printing. There are willing people in this organization who are willing to write articles. However, what we need is someone who will put it together and send it to Ken (K9EN), in Portage. Ken needs this material in the middle of the month so he can prepare it for printing in the Badger State Smoke Signals. There are members who subscribe to the TAPR publications, Gateway, FAOCHA, and Compuserve who would send articles to keep us informed. We sincerely need someone with a little extra time to put this thing together. (Dedication also helps too) Please contact WAPR, P.O. Box 1215, Fond du Lac, WI. 54935

Green Bay Packets

Green Bay, WI: No football talk found here! Green Bay has been linked to Milwaukee via K9DJH, N9ESH, W9NRW since about the middle of January. K9DJH, in New Holstein proved to be the key. And when Dick was able to put his station on 24 hours/day the link became relatively reliable. There are other stations in the Fond du Lac area to link thru but this path is an example.

Sometime in mid-February, crystals are expected for the R/T unit of a new Green Bay digipeater. It will be in temporary quarters, at 60 watts, and the antenna will be located at about 180 feet above avg. terrain. Watch for a beacon announcement using call sign of W9SXN. Later in the year, after Northeastern Wisconsin becomes sub-arctic, plans are to move the digipeater to more permanent quarters on Scrays Hill. There will be more on this move in later issues. The new digipeater R/T unit will be a commercial unit using tighter response skirts. If you have any difficulty accessing it, you might check your center frequency and deviation. Deviation of more than 4 or 4.5 khz will do more harm than good.

There have been several new packet stations on the air in NE Wis. area, including Manitowoc, Kewaunee, and 4 more in Green Bay. There are about a total of 10 in this area now.

73.....FRANK, N9BPO

Bulliten Boards

Grayslake, IL, W9ZGS, Verne Buland has opt to remove his MSO from 145.01 to 145.03 to provide more time for the principal users of that frequency.

New BBS/Gateway operations have been provided by N9D, Pete of Brookfield and W9KEC, Roy of Dousman. As of this writing it is understood that these are RLI type and the auto-forwarding capability is unknown.

Still providing our Wis/IL MSO link are Jack, W9YLR and WAG, W9IUP. Thanks fellas. Also Dave, KD9NU in Stevens point. Messages for the W9ZGS MSO are to be routed thru W9YLR.

We miss you Verne, but you may be right!

Things to think about:

*One idea the digipeater committee had suggested was to fund a "portable digipeater". This is an excellent idea. However, with our current dues structure it is just not possible. An alternative is to do what some other areas are doing, and loan or donate components of a digipeater to put one on the air.

*Currently our dues are \$7.00/yr. with \$4.50 of this going to the BSSS for our News-letter. In July our subscription rate for the BSSS will be increased \$0.50/yr. If any members feel they have new reasons for a different dues structure, you may present them at the July meeting.

*Inc pole at meeting: TAPR=10, AEA=12, HEATH=12, KANTRONICS=7, GLB=2, MFJ=4 on order. Looks like a tie to me!!!

*W9SDA & N9ZZ are planning a packet net. Gary and Bob have some good ideas about having a net or meeting net on packet radio itself. Part of this proposal includes area nodes for reporting into the main net control.....sounds like it would work. If you have any ideas on this subject, get in touch with Gary, W9SDA or BOB, N9ZZ.

*Another digipeater committee suggestion is the need for:

1. digipeaters up NORTH (east & west),
2. digipeaters in LaCrosse & Beloit areas,
3. a map published in newsletter,
4. future planning for digipeaters for bulletin boards & MSO's.

*Ken, W4COY agreed to approach dealer reps or manufactures for possible donations to the WAPR organization.

*General comments or suggestions at the meeting: Cut out beacons without cause; multiple hops to BBS's; Use good omnidirectional antennae for packet.

Attended Meeting

The following attended the January 11, 1986 Meeting:

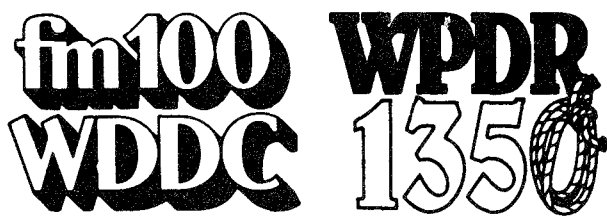
W9ESH	W9SDA	W9YLR	W9SSU	W9NRW
N9CLE	W4COY	K9BAD	N9BPO	K9BEC
W4RFH	W4TLV	K9EN	W9EZU	W9NNJ
N9D	W9CXG	N9ZZ	K9TLY	W9SLI
W9SKG	K9PFO	N9FAE	W9XT	W1UJU
N9EYL	K9SGO	W9QWN	KN9P	K9DJH
KD9PR	W9UQT	W9MME	W9NBC	N9SFK
W9RBC	W9JLJ	N9OLZ	W9SUM	N9BMP
W9TQC	W9HWS	K9S	W9ITF	W9ORO
W9SNU	W9DHI	W9KEC	N9HR	K9GGZ
W9HHM	W9KCU	K9OK	K9OM	K9CCL
W9TQC	W9TQC	K9CMB	W9UOD	W9HCO
W9SUF				

Many new members signed up at this meeting, but if you did not have time, please write: Gary Gilbertson, Rt. 1, Box 53, Brownsville, WI. 53006

PACKET MAP

I know that most of you have been waiting for a map showing either packet stations or packet digipeaters. Jack, W9YLR has sent a map and operators list of Wisconsin, Illinois, and Indiana that we have been working on. However, the status and frequency of some of these stations are questionable. Therefore we are putting it off until the April printing. We would also like to know if you are more interested in a digipeater map of these three states or just a user map of Wisconsin and fringe of other states. Send feedback to WAPR or send comments on Packet so we know which you prefer to have. Also, any volunteers to help in this project would be appreciated.

Badger State Boosters



PORTAGE, WI



THE ORIGINAL MIDWINTER SWAPFEST

WAUKESHA EXPOSITION CENTER
HIGHWAYS F & FT
WAUKESHA, WISCONSIN

WARRAC SWAPFEST
P.O. Box 1072
MILWAUKEE, WISCONSIN 53201



AFFILIATED WITH



Radio Shack

VODAK TV SALES

COLOR TV - B & W TV
TOP TUNES - RECORDS - LP - STEREO
TV ANTENNA SYSTEMS - CB - SCANNERS

We Stock
COMPUTERS
VCR's

Antenna Wire and Insulators
Coaxial Cable and Connectors
Coaxial Adapters

PHONE 356-6666

404 Oak Street
BARABOO, WIS. 53913

We now sell & install Satellite TV systems

HAM IT UP EVERY SPRING

MADISON SWAPFEST

DANE COUNTY EXPO CENTER
FORUM BUILDING

Sponsored By MARA WB9AER

Box 3403 - Madison, Wis. 53704

AMATEUR ELECTRONIC SUPPLY®

4828 W. Fond du Lac Avenue
Milwaukee, WI 53216
Phone: (414) 442-4200

Wisconsin WATS: 1-800-242-5195
(Call TOLL FREE outside of Milwaukee Metro area)

HOURS: Mon. thru Fri. 9-5:30; Sat. 9-3

SOUTH MILWAUKEE AMATEUR RADIO CLUB

SWAPFEST

July 12, 1986
(Held Every July)

American Legion Park
Shepard Ave. Oak Creek, WI

South Milwaukee ARC
P. O. Box 102
South Milwaukee, WI 53172



SUPERMARKETS INC.

When in the Area Shop Our Baraboo, Portage
North, Portage Downtown, Pardeeville and
Fox Lake Wisconsin Stores.

SUPPORT YOUR LOCAL AMATEUR RADIO
CLUB — JOIN TODAY!

Riverland Electric Co.

Commercial - Residential - Industrial

Serving La Crosse and Surrounding Area

KEN WEIGEL
783-4967

W6465 Juline Way
Onalaska, WI 54650

73 Amateur Radio's
Technical Journal

A publication of CW Communications/Inc.,
the world's leading publisher of computer-
related newspapers and magazines.

JAMES H. GRAY, W1XU
ADVERTISING MANAGER

80 PINE STREET, PETERBOROUGH, NH 03458
(800) 441-4403 (603) 924-7138

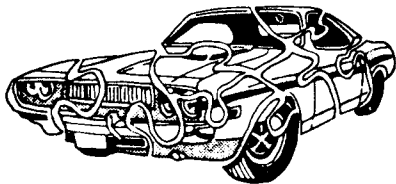
800-328-0250
(612) 535-5050 (IN MN)

PROMPT
PROFESSIONAL
SERVICE

TNT RADIO SALES, INC.
"SALES & SERVICE"

4124 W. BROADWAY
ROBBINSDALE, MINNESOTA 55422

Badger State Boosters



P & B AUTO PARTS

P. O. Box 190 133 WATER ST.
BARABOO, WISCONSIN 53913



RHYME SUPPLY INCORPORATED

122 EAST COOK STREET PORTAGE, WIS.

COMPLETE LINE OF OFFICE MACHINES - FURNITURE - COMPUTERS

TELEPHONE
608-742-3747-5371

KEN HUTLER



RICHARD O. LUST, CAI
Certified Auctioneer/Broker
(608) 258-0024

K9APW

LUST AUCTION SERVICES

(608) 833-0011 / 258-8880
7552 Pioneer Place
Verona, Wisconsin 53593
(Statewide Service To Hams - Since 1975)

Auctioneering Real Estate



COUNTRY MARKET

TOTAL DISCOUNT FOODS
935 8th Street • Box 90
Baraboo, Wisconsin 53913
356-2106

We Buy Aluminum Cans



CHECK OUT OUR...
**EVERYDAY
LOW PRICES**



The
Performance
Company

TURNER'S Broadway Liquor Mart

And Self-Serve

Open 6:30 am to 11:00 pm - 7 Days a Week
Beer - Liquor - Wine

GAS

805 Broadway

Baraboo, Wis. 53913

356-9488

AMIGA C-64, C-128	THE SOFTWARE SHOPPE	LEADING EDGE ATARI-520ST
344 S. MILITARY RD. FOND DU LAC, WI 54935 414-921-8448		
COMPUTERS - SOFTWARE - PRINTERS - SUPPLIES		
WA4COY	KEN R. MORAN	

Baraboo Floral Company

1406 East Street
BARABOO, WISCONSIN 53913

FLOWERS FOR ALL OCCASIONS

BUY FROM A GROWER

We wire flowers almost everywhere

PHONE 356-5336 - WE DELIVER



Giegerich's Sons Inc.

514 Park Avenue
PRAIRIE DU SAC, WISCONSIN 53578

"Sauk Prairie's Quality Printers
and House of Office Supplies"



COMPUTERS

Leading Edge - Televideo - N.E.C. - Altos
PRINTERS

Okidata - Olympia - Data South - Toshiba
N.E.C. - Star

SUPPLIES

Software - Cables - Paper - Ribbons

Leisure World

612 South Boulevard
Baraboo, Wisconsin 53913
(608) 356-5280

TROYER *Rexall* DRUGS

JACK D. TROYER, R.P.H. - DAVID M. FUHS, R.P.H.

106 - 4th AVE. PHONE 356-4564

BARABOO, WISCONSIN

"Good Health Is Our Business"

WE MAINTAIN A COMPLETE RECORD OF ALL
YOUR FAMILY'S PRESCRIPTION PURCHASES



BADGER STATE Smoke Signals

Serving Amateur Radio in Wisconsin



Subscription Information

Dear Fellow Radio Amateur:

If you are not a regular recipient of Badger State Smoke Signals, you are invited to join our regular readers.

Smoke Signals has been published monthly for over 16 years. Originally published as the club paper for the Yellow Thunder Amateur Radio Club, it has been, for the past three years, a statewide publication.

We carry current Amateur Radio news, news of the Riverland ARC, Yellow Thunder ARC, Wisconsin Amateur Packet Radio Association, Wisconsin Nets Association, American Radio Relay League, and other clubs and groups in and around Wisconsin.

You will be kept apprised of what is happening in our hobby - locally, regionally, nationally, and internationally.

You'll find ARRL Section news, feature articles by well-known Amateurs in Wisconsin and elsewhere, humor, news of upcoming Amateur examination sessions in our monthly "Test Point," and much more.

Information is carried from ARRL Bulletins, the ARRL Letter and the Westlink Report, along with items of interest from exchange newsletters and the Amateur Radio News Service Bulletin. You'll even find an occasional tidbit from the GEARVAKf Bulletin (the 'f' is silent.)

Regular Individual Subscription Rates

- 1 year - 12 issues - \$7.00
- 2 years - 24 issues - \$13.00 (save 1.00)
- 3 years - 36 issues - \$19.00 (save 2.00)

To subscribe, please use the form below. Make checks or money orders payable to Badger State Smoke Signals. Send the form to Jim Decker, WB9UQT, Treasurer, P.O. Box 337, Baraboo WI 53913-0337.

In addition to the above rates, a special reduced rate is available to clubs with 20 or more subscriptions per year at a rate of \$4.50 each.

Clubs wishing to take part in Badger State Smoke Signals with a column devoted to their club can receive a lower rate. Mailings must be made to the entire club membership, and the club also receives 15% additional complimentary mailings. (There are currently over 100 complimentary and exchange addresses on the mailing list, in addition to current subscribers.)

Club Rates

- Under 50 members: \$4.20 per year
- Over 50 members: \$3.60 per year

We'd be happy to serve your members as official journal for your club. For more information, please contact Ken Ebnetter, K9EN, 822 Wauona Trail, Portage WI 53901 (608) 742-3560.

If you are active on the traffic nets and want to receive Smoke Signals as a Wisconsin Nets Association Booster, please contact WNA Treasurer Mike Hamman, KA9BHL, Rte. 5 Box 668, Tomahawk WI 54487 to find out how to become a WNA Booster.

Packet Radio enthusiasts are invited to join the Wisconsin Amateur Packet Radio Association (WAPR). For information, contact Gary Gilbertson, WB9SDA, Rte. 1 Box 53, Brownsville WI 53006.

Badger State Smoke Signals is produced by Amateurs for Amateurs, and is completely volunteer and non-profit. It is supported totally by its advertisers and by subscriptions. Articles and suggestions are always welcome. Please send them to Jim Romelfanger, K9ZZ, Editor, 301 1/2 7th Street, Baraboo WI 53913-2234.

Jim: Please enter my subscription as follows; my check or money order is enclosed.

Name: _____ Call: _____

Address: _____

City: _____ State: _____ ZIP: _____

Mail this form, with your check or money order, to Jim Decker, WB9UQT, P.O. Box 337, Baraboo WI 53913-0337.

☐ New ☐ Renewal ☐ 1 year (\$7.00) ☐ 2 years (\$13.00) ☐ 3 years (\$19.00)

BADGER STATE SMOKE SIGNALS

Jim Romelfanger, K9ZZ, Editor
(see page two for exchange address)

return address:

Kenneth A. Ebnetter, K9EN
822 Wauona Trail
Portage, Wisconsin 53901

.....
| BULK RATE |
| U.S. POSTAGE |
| PAID |
| PERMIT # 265 |
| PORTAGE WI 53901 |
|.....|

The weatherman says that the rain will keep up,
And I wish that it would, but I frown.
For I know about rain
And this hope is in vain--
I'd say it will keep coming down.
--Richard Armour

DATED MATERIAL -- PLEASE DON'T DELAY

FORWARDING AND RETURN POSTAGE GUARANTEED
AND ADDRESS CORRECTION REQUESTED

THIRD CLASS MAIL

WANT AD FORM

Please place the following ad in Badger State Smoke Signals.

Count 39 letters per line, including spaces and punctuation.

Please run this ad for ----- month(s).

Multiply ----- months X ----- lines at

50 cents per line = \$-----.

My payment is enclosed. Please mail this form with your
remittance to Jim Decker, WB9UQT, Keeper of the Funds, P.O. Box
337, Baraboo WI 53913-0337. --Thank you!